

24.(new) The stent according to claim 21, wherein the wires are of a synthetic shape memory material having a defined transition temperature and hysteresis behavior.

25.(new) A stent for placement in a body tube, comprising a casing of elastomer, and at least two groups of wires embedded in the casing, wherein the at least two groups of wires are of a material having shape memory, and wherein the shape memory of the material of one group of wires is different from the shape memory of another group of wires.

26.(new) The stent according to claim 46, wherein the elastomer is a memory elastomer.

27.(new) A method for changing the configuration of a stent placed in a body tube, the stent being composed of at least two groups of wires of materials having different shape memories, the method comprising influencing at least one of a restoring force and a geometric shape of a stent by carrying out a specific application of one of heat and cold at least at portions of the stent. --

REMARKS

This amendment is in response to the Official Action Mailed May 4, 1998.

Applicants acknowledge the Examiner's report of the phone conferences occurring on or about April 17, 1998, April 20, 1998 and April 21, 1998, and note for the record that the undersigned diligently responded to all phone calls from Examiner Prebelic to inform him of the status of this matter and the client's decision regarding his proposed amendments, including a phone call back to the Examiner on April 17, 1998, which the Examiner was not available to receive.

Abstract:

The abstract has been amended in accordance with the Examiner's helpful suggestions.

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